

MunI and EcoRV (Boehringer-Mannheim-Yamanouchi), resolved on agarose gel, and purified according to the aforementioned method. Expression vector pCDHF3 (a gift from Dr. Olivier Rosnet), which carries a full-length wild type FLT3 cDNA (Rosnet, O. et al., Blood 82:1110-1119; Accession No. S64785), was cleaved with MunI and EcoRV, and the purified FLT3/ITD fragment was inserted into the vector. Four mutants of FLT3/ITD (Mt1, Mt2, Mt3 and Mt4) were used. Nucleotide sequences of the mutated regions of Mt1 to Mt4 are shown as SEQ ID NOS. 1, 3, 5 and 7, and their amino acid sequences are shown as SEQ ID NOS. 2, 4, 6 and 8, respectively. Expression vectors for Mt1 to Mt4 were transfected into the blood cells.

REMARKS

Applicants submit this Second Preliminary Amendment to insert required references to SEQ ID NOS of the Sequence Listing filed concurrently herewith.

Respectfully submitted,

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Date



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